

ANNEX Q

Complete List of Source Categories

Chapter/Source	Gas(es)
Energy	
Carbon Dioxide Emissions from Fossil Fuel Combustion	CO ₂
Carbon Stored in Products from Non-Energy Uses of Fossil Fuels	CO ₂
Stationary Combustion (excluding CO ₂)	CH ₄ , N ₂ O, CO, NO _x , NMVOC
Mobile Combustion (excluding CO ₂)	CH ₄ , N ₂ O, CO, NO _x , NMVOC
Coal Mining	CH ₄
Natural Gas Systems	CH ₄
Petroleum Systems	CH ₄
Natural Gas Flaring and Criteria Pollutant Emissions from Oil and Gas Activities	CO ₂ , CO, NO _x , NMVOC
International Bunker Fuels	CO ₂ , CH ₄ , N ₂ O, CO, NO _x , NMVOC
Wood Biomass and Ethanol Consumption	CO ₂
Industrial Processes	
Cement Manufacture	CO ₂
Lime Manufacture	CO ₂
Limestone and Dolomite Use	CO ₂
Soda Ash Manufacture and Consumption	CO ₂
Carbon Dioxide Consumption	CO ₂
Iron and Steel Production	CO ₂
Ammonia Manufacture	CO ₂
Ferroalloy Production	CO ₂
Petrochemical Production	CH ₄
Silicon Carbide Production	CH ₄
Adipic Acid Production	N ₂ O
Nitric Acid Production	N ₂ O
Substitution of Ozone Depleting Substances	HFCs, PFCs ^a
Aluminum Production	CO ₂ , CF ₄ , C ₂ F ₆
HCFC-22 Production	HFC-23
Semiconductor Manufacture	HFCs, PFCs, SF ₆ ^b
Electrical Transmission and Distribution	SF ₆
Magnesium Production and Processing	SF ₆
Industrial Sources of Criteria Pollutants	CO, NO _x , NMVOC
Solvent Use	CO, NO _x , NMVOC
Agriculture	
Enteric Fermentation	CH ₄
Manure Management	CH ₄ , N ₂ O
Rice Cultivation	CH ₄
Agricultural Soil Management	N ₂ O
Agricultural Residue Burning	CH ₄ , N ₂ O, CO, NO _x
Land-Use Change and Forestry	
Changes in Forest Carbon Stocks	CO ₂ (sink)
Changes in Non-Forest Soil Carbon Stocks	CO ₂ (sink)
Changes in Non-Forest Carbon Stocks in Landfills	CO ₂ (sink)
Waste	
Landfills	CH ₄
Wastewater Treatment	CH ₄
Human Sewage	N ₂ O
Waste Combustion	CO ₂ , N ₂ O
Waste Sources of Criteria Pollutants	CO, NO _x , NMVOC

^a In 1999, included HFC-23, HFC-125, HFC-134a, HFC-143a, HFC-152a, HFC-227ea, HFC-236fa, HFC-4310mee, C₄F₁₀, C₆F₁₄, PFC/PFPes

^b Included such gases as HFC-23, CF₄, C₂F₆, SF₆

